

Notice of Allowability

Application No.

10/055,456

Examiner

Mitchell R Slavitt

Applicant(s)

BONIN ET AL.

Art Unit

2651

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to an amendment filed 7/26/04.
2. ☒ The allowed claim(s) is/are 1-31.
3. ☒ The drawings filed on 05 April 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>4/22/04</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Reasons for Allowance

1. Claims 1-31 are allowed as the prior art does not teach or suggest the applicant's invention. Claim 1 teaches a transducing head positioning system. The distinguishing element of the claim is an electrostatic motor formed on a slider wherein the electrostatic motor is used to position a transducing head above a selected data track on the patterned storage media. Independent claim 10 teaches an electrostatic slider positioning system. The distinguishing element of the claim is a slider including a plurality of electrodes configured to be selectively activated to cause an electrostatic attraction between an electrode and a data track and position the slider at a selected data track. Independent claim 19 teaches a method of controlling the position of a transducing head. The distinguishing element of the claim is moving the transducing head to a desired track on the storage medium by actuating an electrostatic motor formed by the plurality of electrodes on the slider and tracks on the patterned electronic storage medium. Independent claim 24 teaches a transducing head positioning system. The distinguishing element of the claim is an electrostatic motor comprising a plurality of electrodes located on a media opposing surface of the slider, wherein a width of the electrodes is about equal to a width of the raised tracks on the patterned storage media, and wherein the electrostatic motor is used to position a transducing head above a selected data track on the patterned storage media. Independent claim 27 teaches an electrostatic transducer positioning system. The distinguishing element of the claim is a transducer comprising a plurality of electrodes which form an electrostatic motor together with the plurality of data tracks, the plurality of electrodes comprising a first phase electrode, a second phase electrode, and a third phase electrode which can be selectively activated to cause an electrostatic attraction between an electrode and a data

Art Unit: 2651

track. Independent claim 29 teaches a method of controlling the position of a transducer. The distinguishing element of the claim is where a transducer includes a plurality of electrodes on a media opposing surface, and moving the transducer to a desired data track on the media by applying a voltage to at least one of the plurality of electrodes to create an electrostatic attraction between the electrode and a data track on the media.

Conclusion

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mitchell R Slavitt whose telephone number is (703) 305-2809. The examiner can normally be reached on M-F (6:30-4:00), 2nd Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David R Hudspeth can be reached on (703) 308-4825. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MS *44*
2/8/05


DAVID HUDSPETH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600